

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068540.D
 Acq On : 18 Sep 2021 1:00
 Operator : JC/MD
 Sample : M3750-04ME
 Misc : 4.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-AREA-04-(25-27)ME

Quant Time: Sep 20 05:58:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

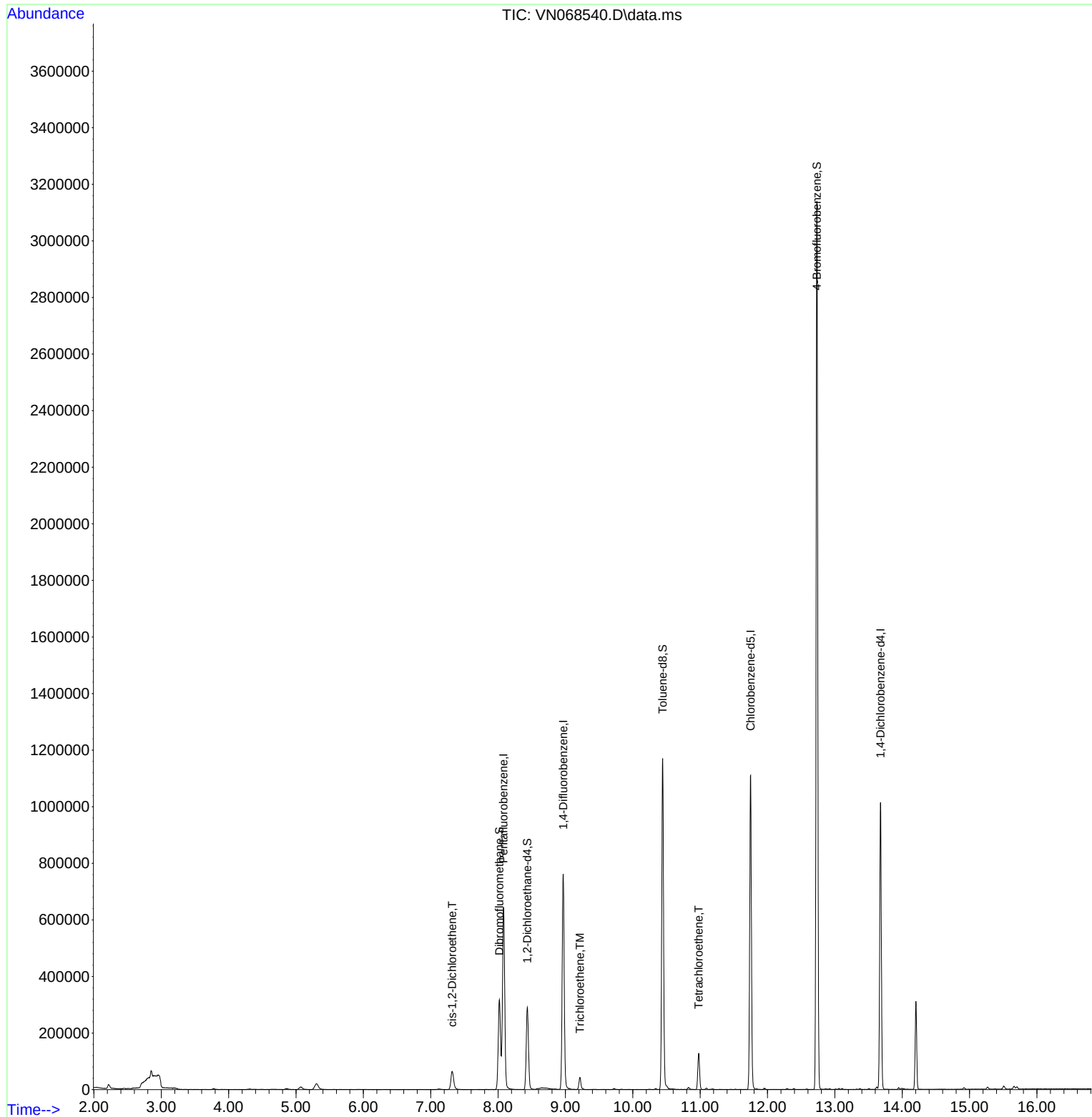
Internal Standards						
1) Pentafluorobenzene	8.080	168	576802	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.968	114	766090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	723208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	301939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	244705	46.249	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.500%		
35) Dibromofluoromethane	8.019	113	233453	50.525	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.060%		
50) Toluene-d8	10.443	98	895323	47.442	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.733	95	310873	49.786	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.580%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.319	96	42450	6.986	ug/l	89
44) Trichloroethene	9.215	130	16251	2.715	ug/l	97
64) Tetrachloroethene	10.977	164	34285	5.349	ug/l	95

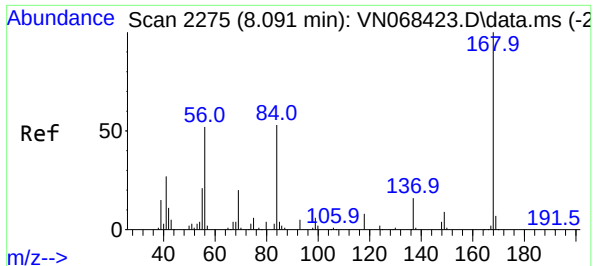
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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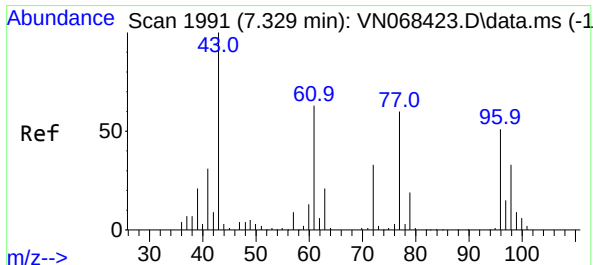
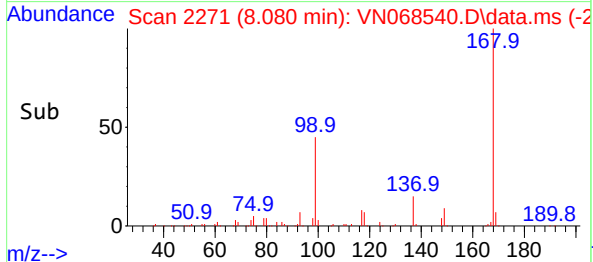
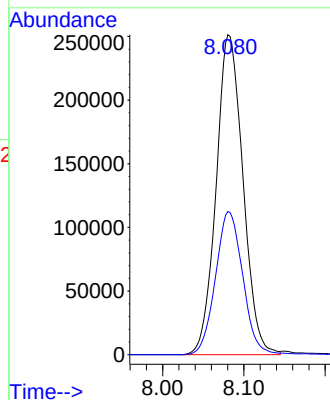
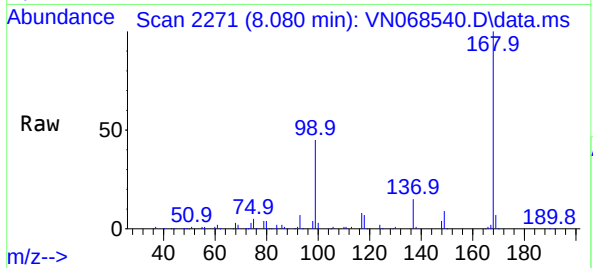




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.011 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

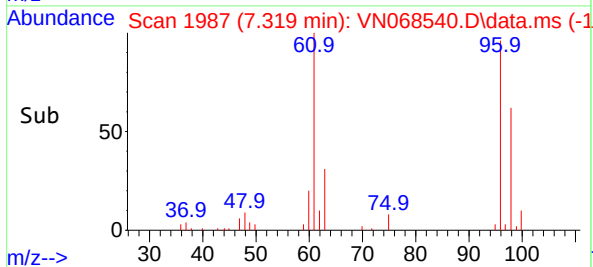
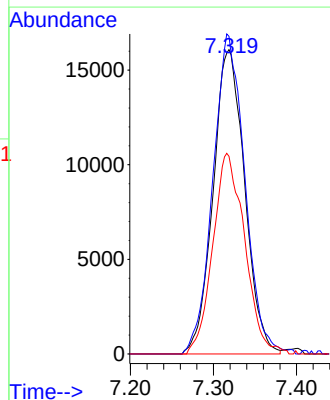
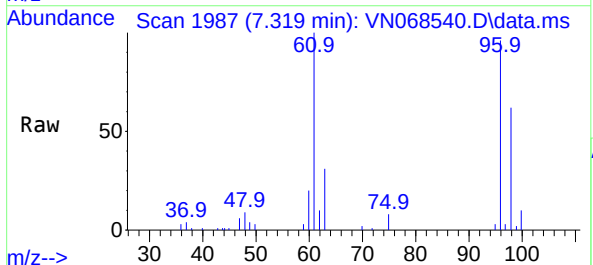
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(25-27)ME

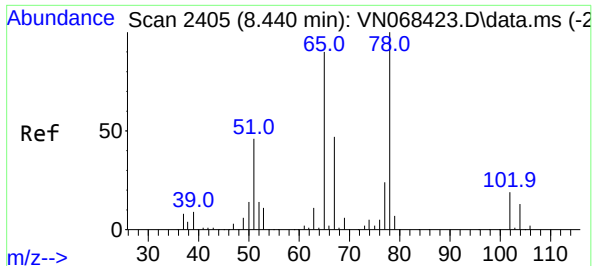
Tgt Ion:168 Resp: 576802
Ion Ratio Lower Upper
168 100
99 44.7 38.2 57.4



#27
cis-1,2-Dichloroethene
Concen: 6.986 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.010 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

Tgt Ion: 96 Resp: 42450
Ion Ratio Lower Upper
96 100
61 106.1 0.0 246.4
98 66.7 0.0 130.4



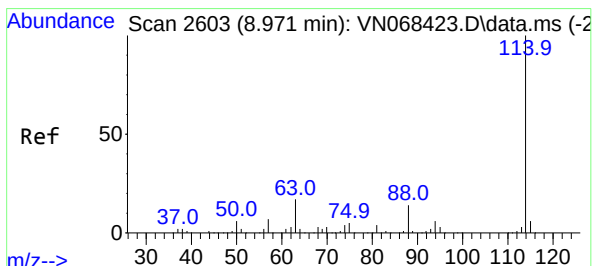
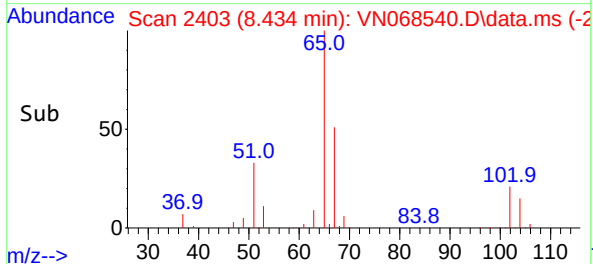
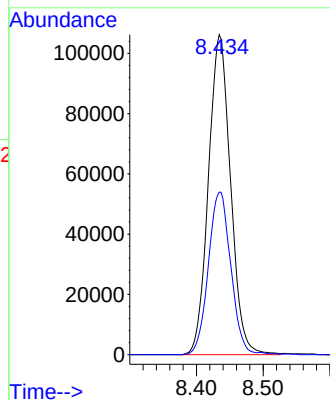
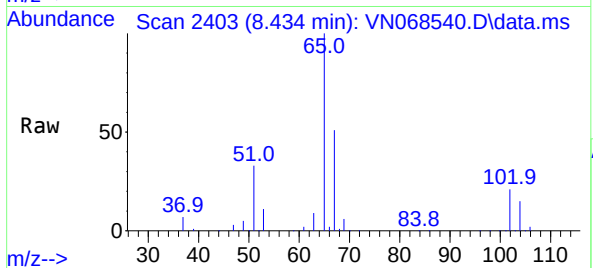


#33

1,2-Dichloroethane-d4
Concen: 46.249 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

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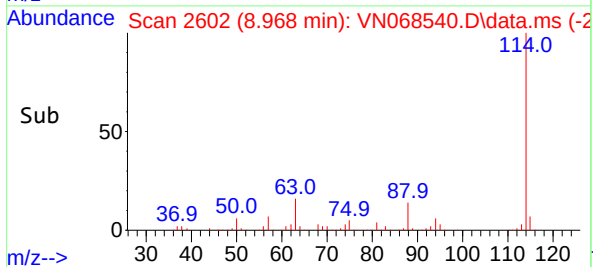
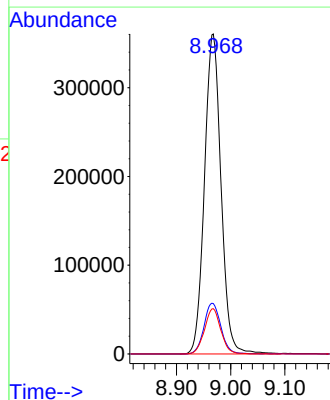
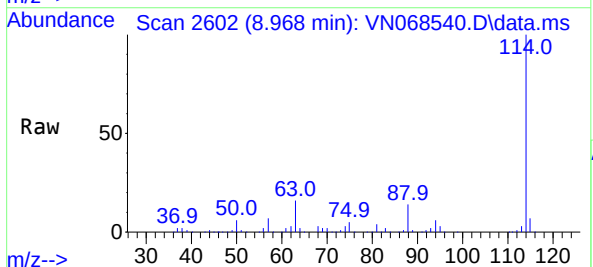
Tgt Ion: 65 Resp: 244705
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

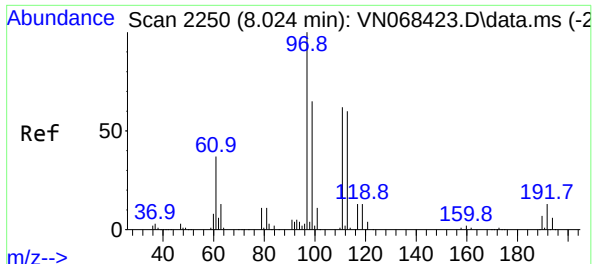


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

Tgt Ion: 114 Resp: 766090
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.2
88 14.1 0.0 28.4

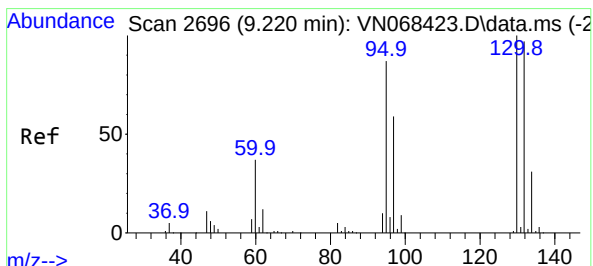
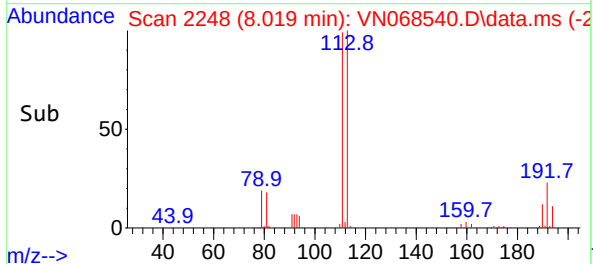
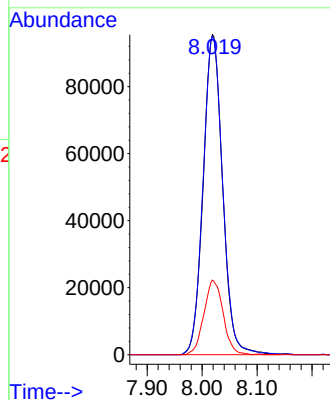
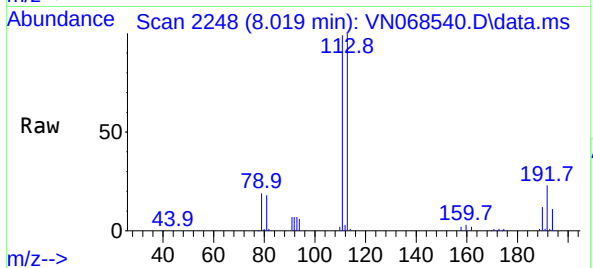




#35
Dibromofluoromethane
Concen: 50.525 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

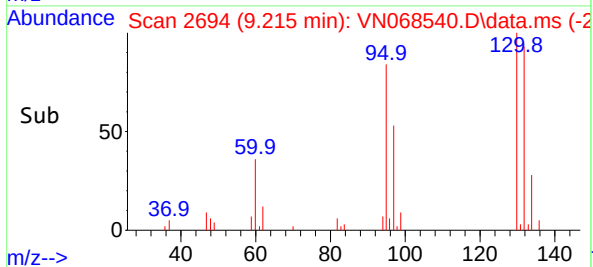
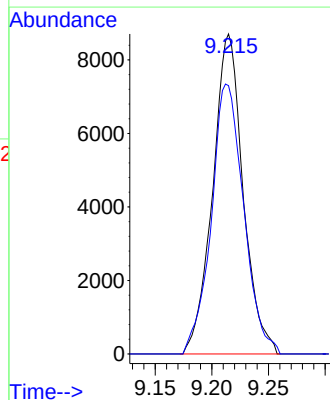
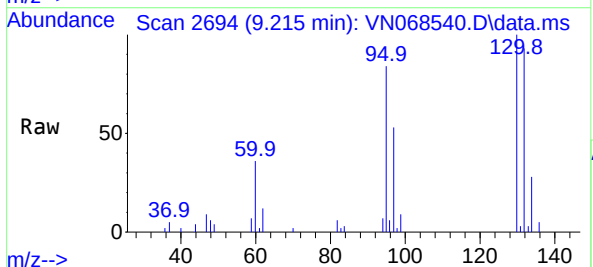
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(25-27)ME

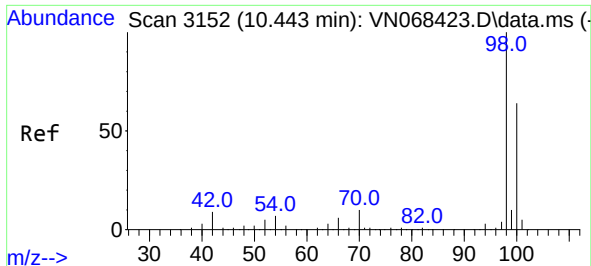
Tgt Ion:113 Resp: 233453
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 23.2 17.7 26.5



#44
Trichloroethene
Concen: 2.715 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.005 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

Tgt Ion:130 Resp: 16251
Ion Ratio Lower Upper
130 100
95 83.9 0.0 173.8

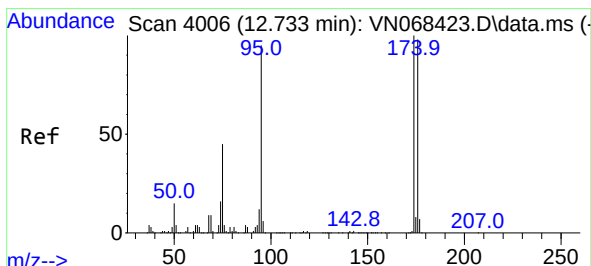
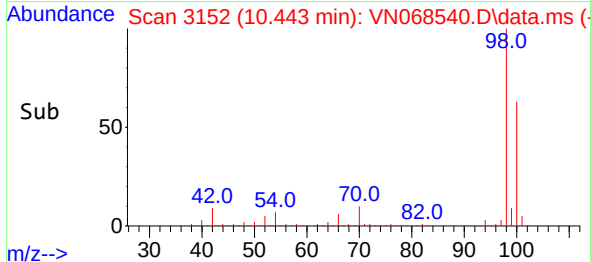
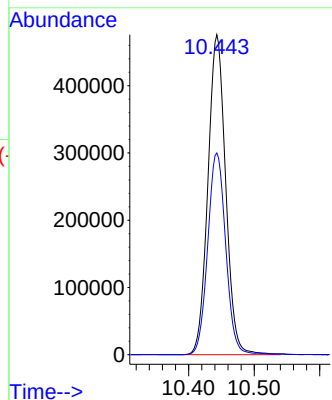
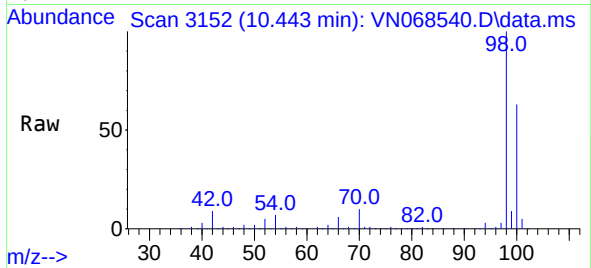




#50
Toluene-d8
Concen: 47.442 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

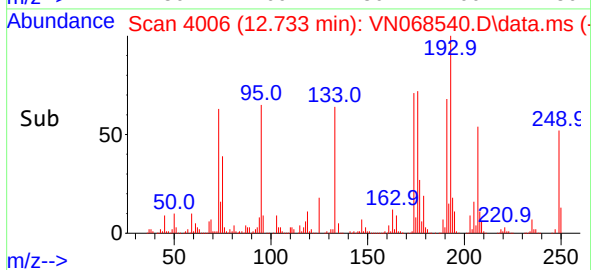
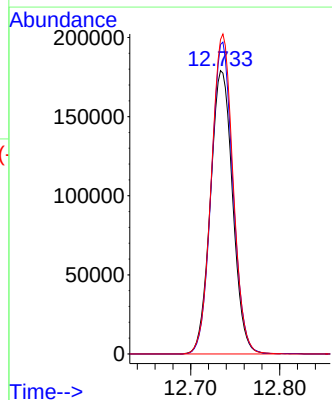
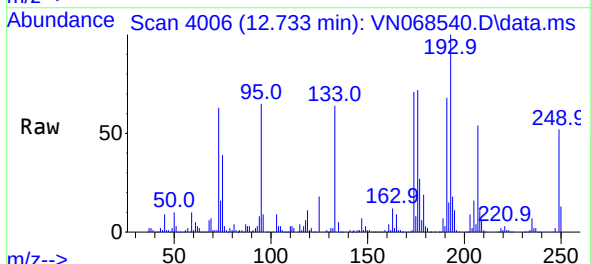
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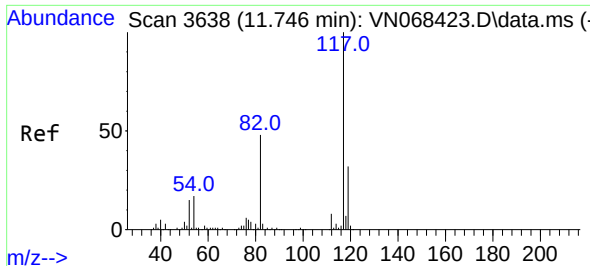
Tgt Ion: 98 Resp: 895323
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

Tgt Ion: 95 Resp: 310873
Ion Ratio Lower Upper
95 100
174 106.5 0.0 214.0
176 109.9 0.0 205.4

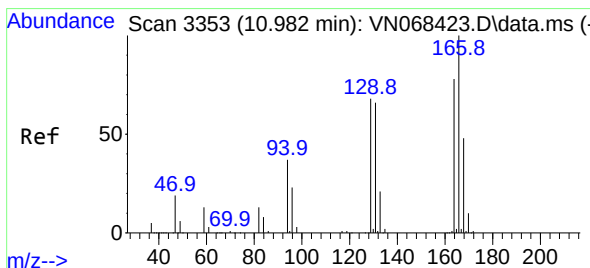
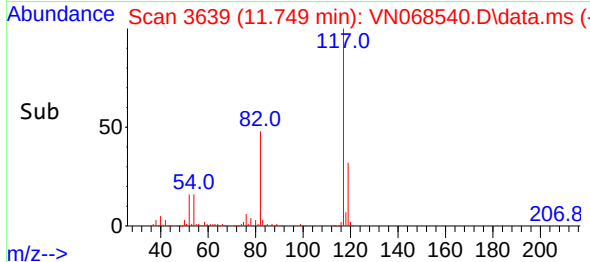
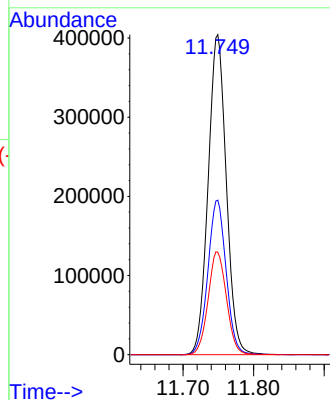
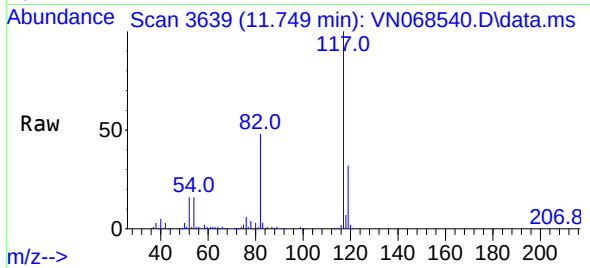




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

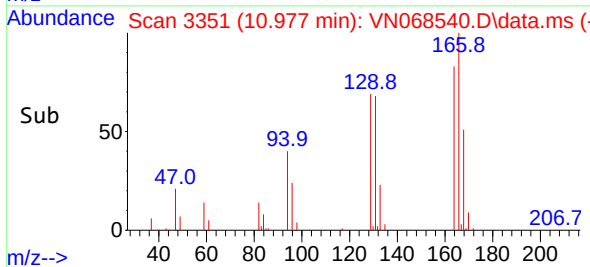
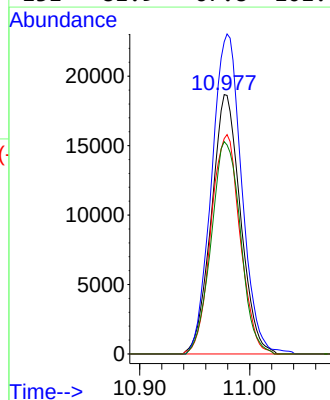
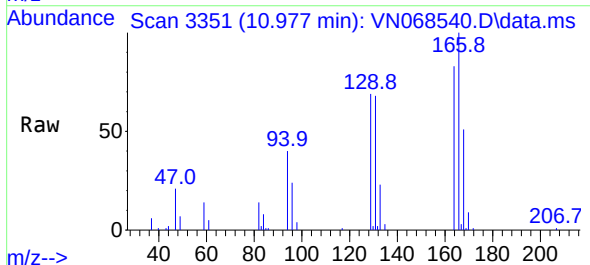
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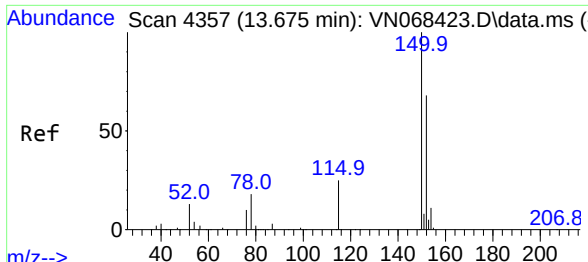
Tgt Ion:	117	Resp:	723208
Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.7	58.1
119	32.0	25.5	38.3



#64
Tetrachloroethene
Concen: 5.349 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.005 min
Lab File: VN068540.D
Acq: 18 Sep 2021 1:00

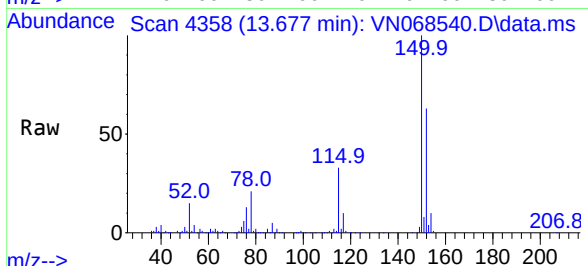
Tgt Ion:	164	Resp:	34285
Ion	Ratio	Lower	Upper
164	100		
166	120.4	102.9	154.3
129	83.0	70.1	105.1
131	81.9	67.8	101.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068540.D
 Acq: 18 Sep 2021 1:00

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 301939
 Ion Ratio Lower Upper
 152 100
 115 53.1 25.6 76.6
 150 157.3 0.0 346.8

